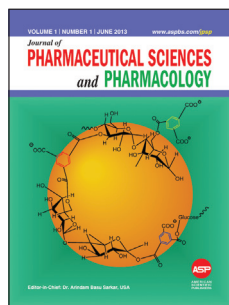


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*Journal of*

# **PHARMACEUTICAL SCIENCES** *and* **PHARMACOLOGY**

**Editor-in-Chief: Dr. Arindam Basu Sarkar, USA**

## **AIMS and SCOPE**

With the enormous progress in the fields of medical sciences in last few decades, the research on diseases, drugs and drug delivery has become extremely specialized. Keeping up with the trend, the peer-reviewed scientific journals have also become specialized. The extreme specialization has resulted in compartmentalization and complete segregation of disciplines related to pharmaceutical sciences. Relating a new development in drug delivery (for example) has become difficult to be noticed by the researchers in other related disciplines (for example) the pharmacologists and/or clinicians. *Journal of Pharmaceutical Sciences and Pharmacology* is being launched to address the disconnect among different research areas related to pharmaceutical sciences and pharmacology. The extreme specialization has resulted in compartmentalization and complete segregation of disciplines related to pharmaceutical sciences. Relating a new development in drug delivery has become difficult to be noticed by the researchers in other related disciplines like the pharmacologists and/or clinicians. The aim of this journal is to publish high quality original research work and broad reviews in all related disciplines relevant to drugs under the same umbrella. Our expectation is that it will help the researchers, scholars and scientists to put their and others' work in the bigger context resulting in enhanced interdisciplinary and integrated research effort. The journal is intended to cover all disciplines and challenges in science, technology and engineering that contribute to the development of new improved drug molecules and their uses including pharmaceutical aspects. The scope of the journal is divided in the following broad research areas.

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- **Pharmacology** topics include drug-receptor interaction, mechanism of action of drugs, drug transporters, p-glycoprotein, exploration in new receptor type/subtype, their tissue/organ occurrence and their functions, clinical pharmacology, pharmacoepidemiology, pharmacogenetics, drug safety, toxicology
- **Medicinal Chemistry** topics include design, synthesis and biological evaluation of bioactive compounds, molecular modification of compounds that lead to greater understanding of structure-activity relationship (SAR) and quantitative structure-activity relationship (QSAR); design, preparation and characterization of diagnostic agents, contrast media; molecular biological studies; computational studies that provide insight to SAR and QSAR and effect of molecular structure on physiological distribution of drugs, biochemistry, pharmacodynamics
- **Pharmacognosy** topics include identification of new compounds of pharmacological interests in nature, their isolation, characterization and establishment of their pharmacologic effects and applications.
- **Nanoscale drugs**, drug delivery systems, nanomedicine, and much more ...

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